PI 542709-continued

origin: United States. **origin institute:** Ohio Agr. Res. and Development Center, Wooster, Ohio 44691. **cultivar:** Hayes. **pedigree:** Amcor x Williams 82. **other id:** PVP 9000045. **source:** Pending. **group:** PVPO. **other id:** CV-277. **group:** CSR-SOYBEAN. **other id:** HM8482. **remarks:** Maturity early, Group III. Flowers purple. Pubescence gray. Pods brown. Seed shiny yellow with imperfect black hila. Rpsl-k gene present for rot resistance. Tall plant type adapted to less favorable environments. Limited data suggest moderate resistance to white mold (Sclerotinia sclerotiorum) and brown stem rot (Phialophora gregatum). Annual. Cultivar. Seed.

PI 542710. Glycine max (L.) Merr. FABACEAE Soybean

Donated by: McBlain, B.A., Ohio Agr. Res. and Development Center, 1680 Madison Avenue, Wooster, Ohio, United States. **remarks:** Chapman Soybean. Received July 11, 1990.

origin: United States. **cultivar:** CHAPMAN. **pedigree:** B6, F4 line derived from backcross A79-236002(3)/HW79149. **other id:** CV-278. **group:** CSR-SOYBEAN. **remarks:** Maturity late, Group II. Flowers purple. Pubescence gray. Pods brown. Seed shiny yellow with imperfect black hila. Height moderate. Gene present for resistance to phytophthora rot (Phytophthora megasperma). Moderately resistant to purple seed stain (Cercospora kikuchii) and pod and stem blight (Diaporthe phaseolorum). Spring Annual. Cultivar. Seed.

PI 542711. Glycine max (L.) Merr. FABACEAE Soybean

Donated by: McBlain, B.A., Ohio Agr. Res. and Development Center, 1680 Madison Avenue, Wooster, Ohio, United States. **remarks:** Edison Soybean. Received July 11, 1990.

origin: United States. **origin institute:** Ohio Res. and Dev. Center, 1680 Madison Avenue, Wooster, Ohio 44691. **cultivar:** EDISON. **pedigree:** HW79116/HW79022. **other id:** CV-279. **group:** CSR-SOYBEAN. **remarks:** Maturity mid, Group III. Flowers purple. Pubescence tawny. Pods tan. Seed shiny yellow with black hila. Height short. Resistant to phytophthora rot (Phytophthora megasperma). Moderately resistant to pod and stem blight (Diaporthe phaseolorum). Spring Annual. Cultivar. Seed.